LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090230.D
Acq On : 26 Sep 2016 19:18
Operator : UM/SJ
Sample : H4946-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-092216

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.655	4	6	14	rBV	3058793	7236874	100.00%	21.449%
2	1.758	14	15	60	rVB	456748	1957262	27.05%	5.801%
3	3.907	200	203	214	rVB	209035	322045	4.45%	0.955%
4	4.547	256	259	267	rBV	126732	167787	2.32%	0.497%
5	5.027	299	301	312	rBV	1094930	1206126	16.67%	3.575%
6	6.124	395	397	405	rBV	783176	798830	11.04%	2.368%
7	6.239	405	407	410	rBV	2249556	2230493	30.82%	6.611%
8	6.479	426	428	430	rBV	740162	783101	10.82%	2.321%
9	6.627	439	441	444	rBV	1696623	2177211	30.08%	6.453%
10	7.050	475	478	480	rBV	1861059	1896515	26.21%	5.621%
11	7.759	538	540	543	rBV	796885	1061946	14.67%	3.147%
12	8.410	595	597	603	rVB	157890	137684	1.90%	0.408%
13	8.845	632	635	638	rBV	3238815	3420116	47.26%	10.137%
14	9.508	690	693	695	rBV	1542117	1378463	19.05%	4.086%
15	10.296	759	762	764	rBV	1996142	2401081	33.18%	7.116%
16	10.971	819	821	824	rBV2	1052378	1221979	16.89%	3.622%
17	12.559	957	960	963	rBV	2790403	3196623	44.17%	9.474%
18	13.474	1037	1040	1047	rBV2	65212	84325	1.17%	0.250%
19	13.588	1047	1050	1052	rBV	1033794	1186627	16.40%	3.517%
20	14.902	1162	1165	1168	rBV	746005	874550	12.08%	2.592%

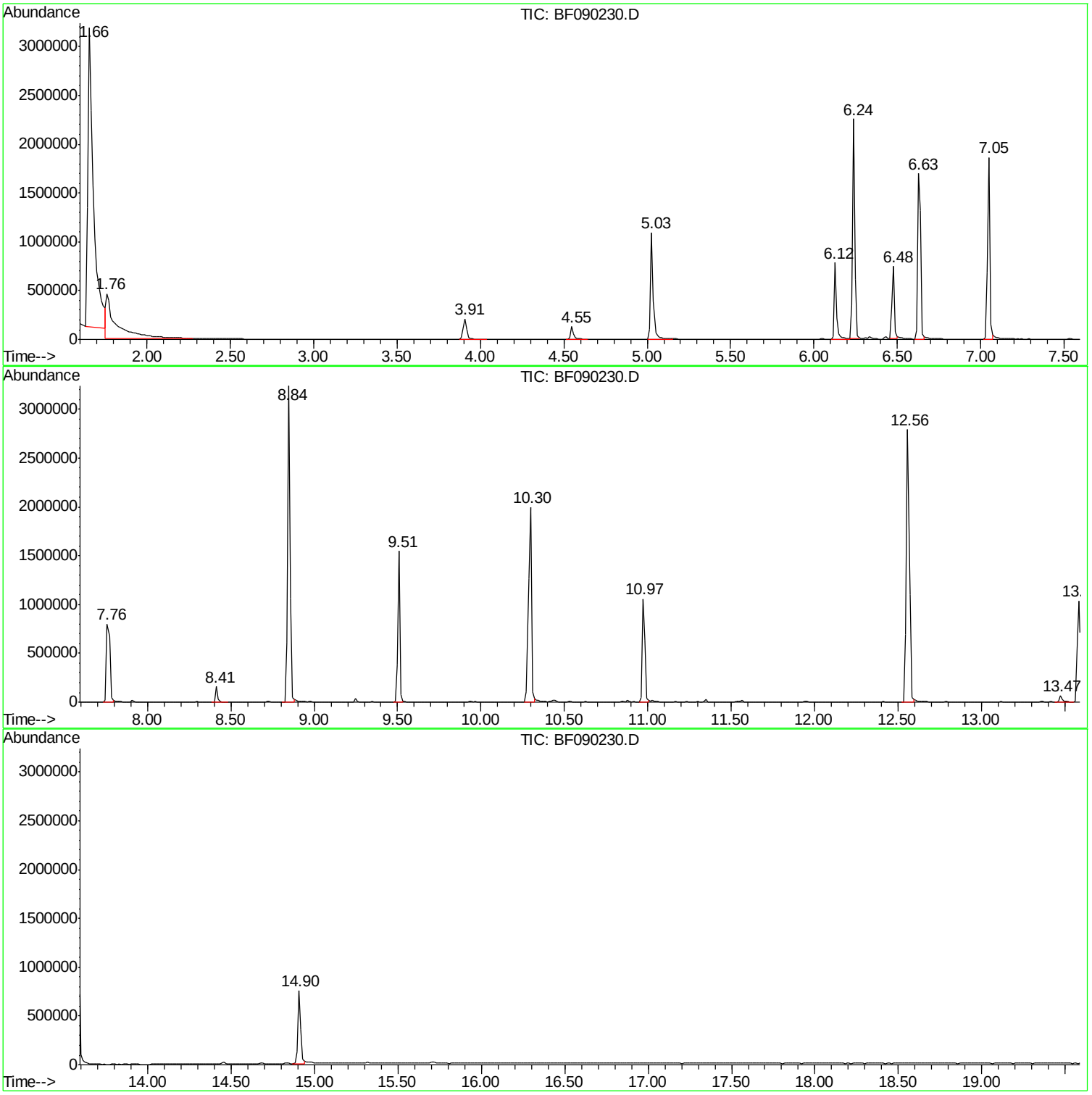
Sum of corrected areas: 33739638

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090230.D
Acq On : 26 Sep 2016 19:18
Operator : UM/SJ
Sample : H4946-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-092216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090230.D
Acq On : 26 Sep 2016 19:18
Operator : UM/SJ
Sample : H4946-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-092216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

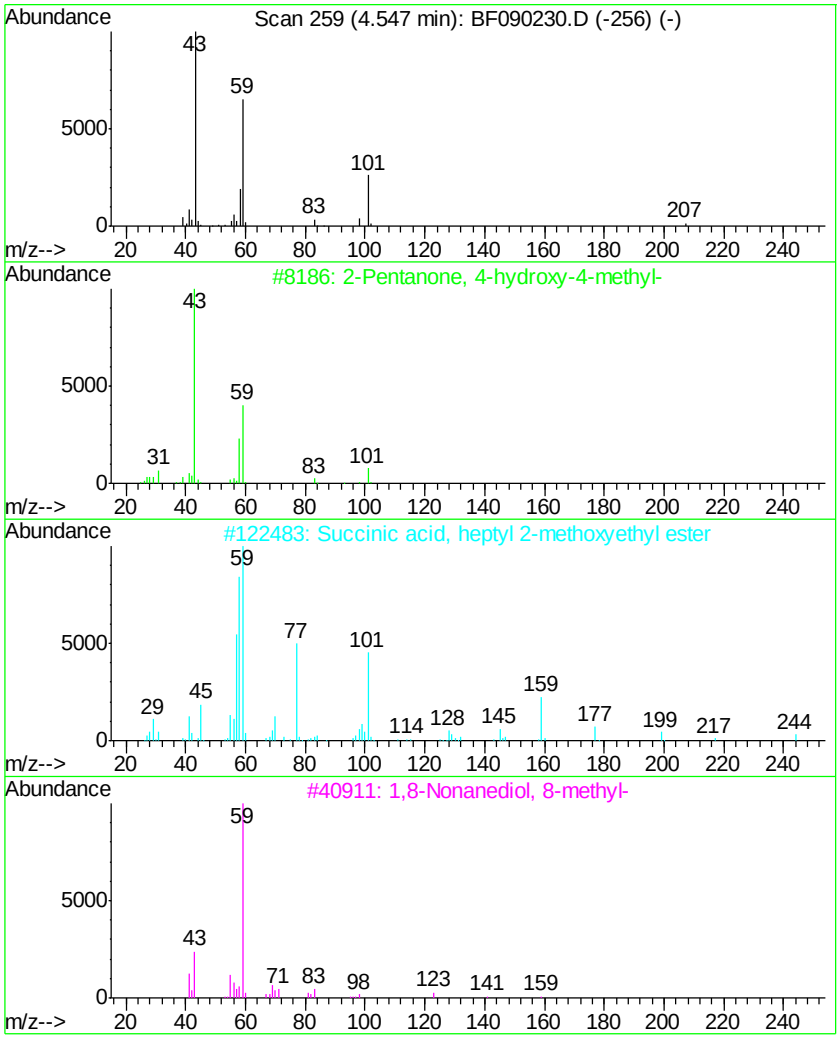
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

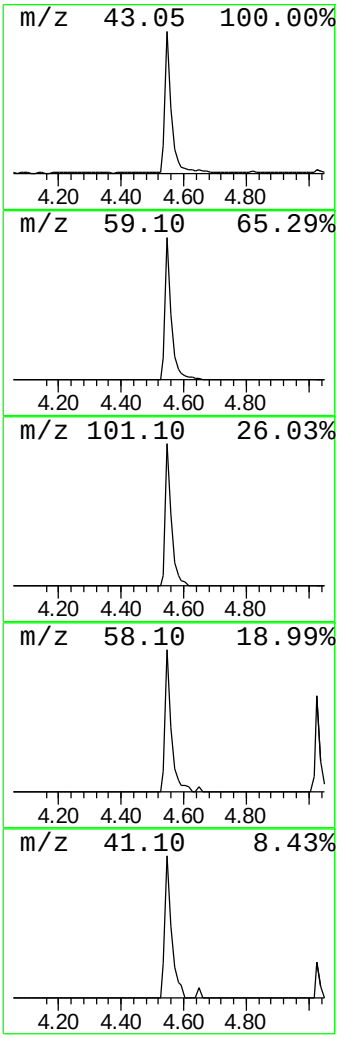
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	4.29 ng	167787	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090230.D
Acq On : 26 Sep 2016 19:18
Operator : UM/SJ
Sample : H4946-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-092216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

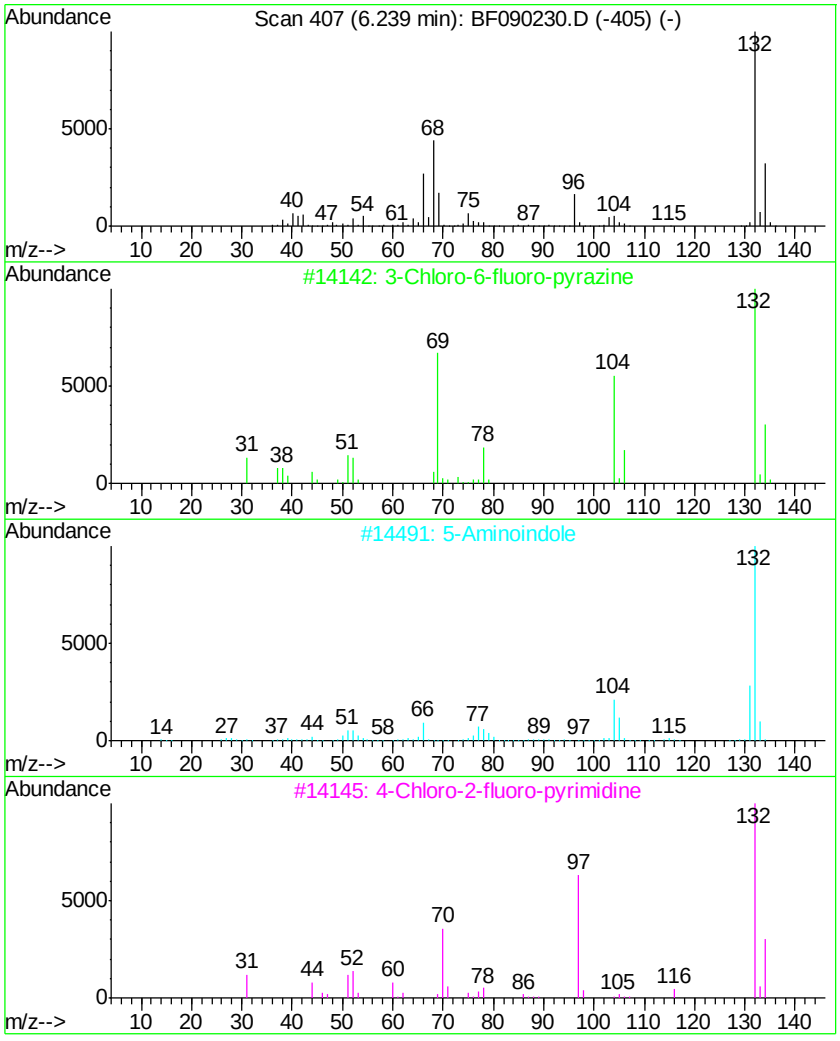
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

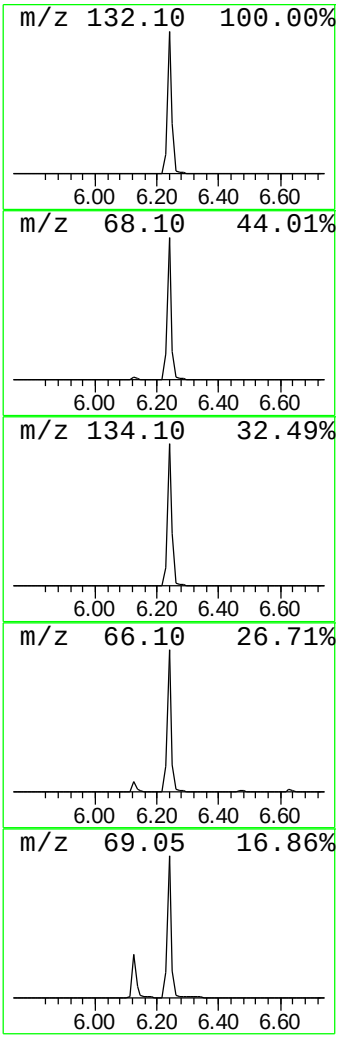
****

Peak Number 5 unknown6.24 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	56.97 ng	2230490	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090230.D
Acq On : 26 Sep 2016 19:18
Operator : UM/SJ
Sample : H4946-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-092216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

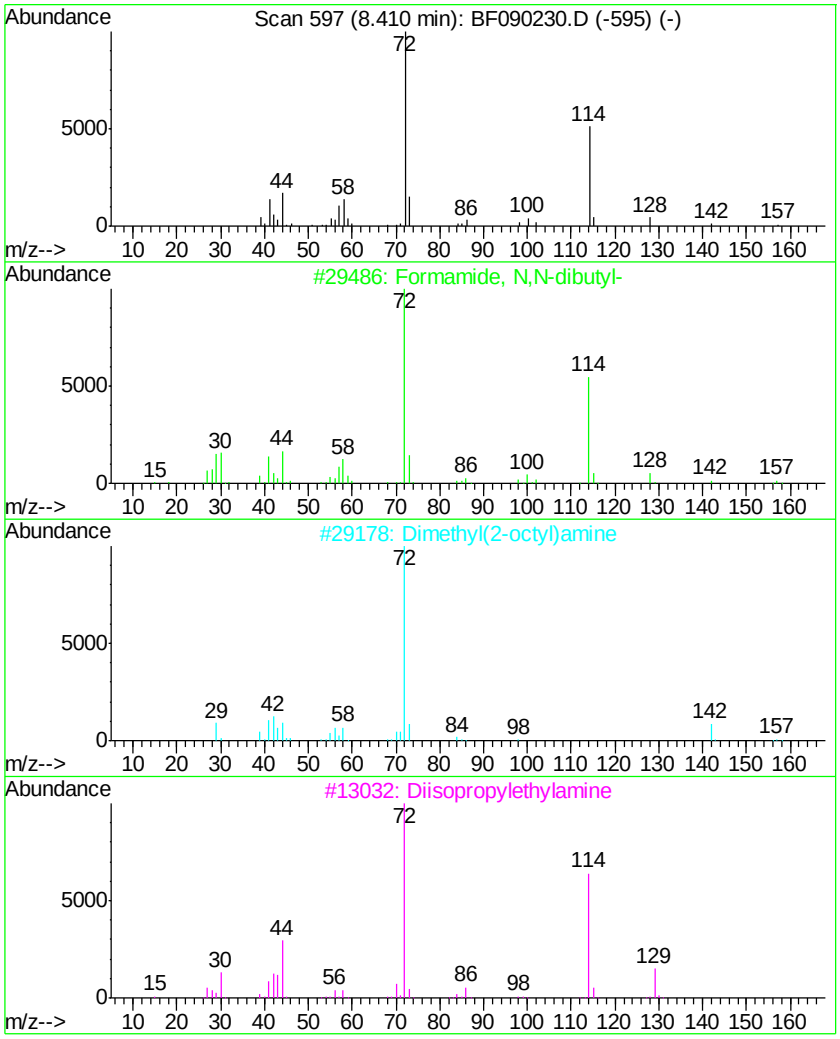
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

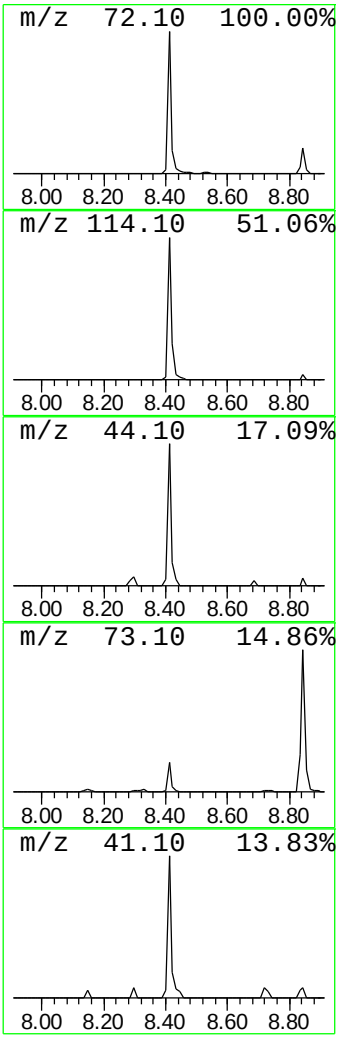
****

Peak Number 7 Formamide, N,N-dibutyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	2.59 ng	137684	Naphthalene-d8	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	90
2	Dimethyl(2-octyl)amine	157	C10H23N	007378-97-4	47
3	Diisopropylethylamine	129	C8H19N	007087-68-5	45
4	1,2-Bis-(2-diisopropylaminoethyl...	228	C14H32N2	104017-39-2	45
5	1,2-Ethanediamine, N,N-bis(1-met...	144	C8H20N2	000121-05-1	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092616\
Data File : BF090230.D
Acq On : 26 Sep 2016 19:18
Operator : UM/SJ
Sample : H4946-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-092216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.55	4.3	ng	167787	1	6.48	783101	20.0
unknown6.24	6.24	57.0	ng	2230490	1	6.48	783101	20.0
Formamide, N,N-di...	8.41	2.6	ng	137684	2	7.76	1061950	20.0